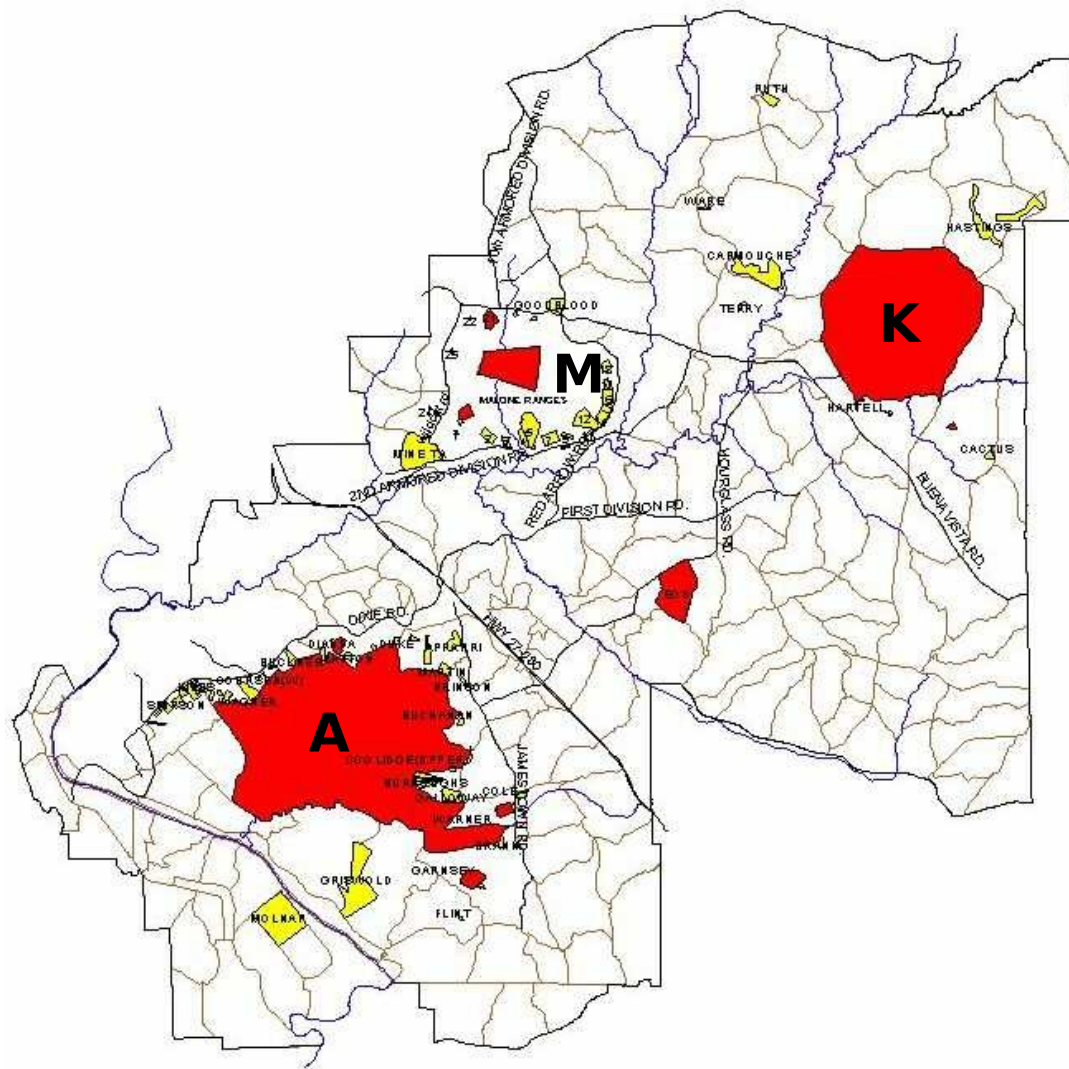
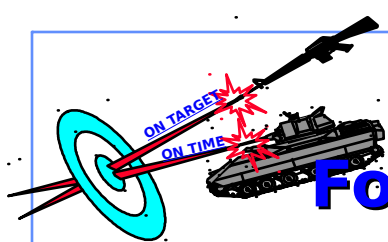


Fort Benning Ranges and Training Areas



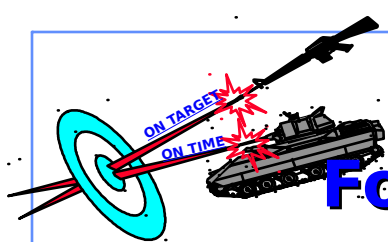
1. Training Acreage: **182,395**
GA: **169,627**
AL: **12,768**
 2. Cantonment Area: **14,627**
 3. Dud Areas: **16,392**
 4. Maneuver/training: **127,098**
 5. Live Fire Ranges: **65**
 6. Arty/Mtr Firing Points: **34**
 7. Training Areas: **198**
 8. Training Facilities/sites: **44**
 9. Units Supported:
 - a. USAIS POI Activities
 - b. Tennant Units
 - c. Visiting FORSCOM Units
 - d. Visiting SOCOM Units
 - e. S.E. Res / NG Units
 - f. Law Enforcement Agencies
- Daily Training Missions 102**

Fort



Fort Benning Range Safety Briefing Overview

- Definitions of OIC/RSO
- Grade requirements for OIC/RSO
- Unit appointment/certification
- Documents/data required on range
- Unit range safety orientation requirement
- Communication requirements
- Medical support requirements/procedures
- Roadblocks, guards, flags/lights
- Helmet requirements
- Hearing protection requirements
- Weapons/ammo malfunction actions
- Dud reporting and disposal
- Prevention and suppression of fires
- Severe weather precautions
- Ammo issue and control



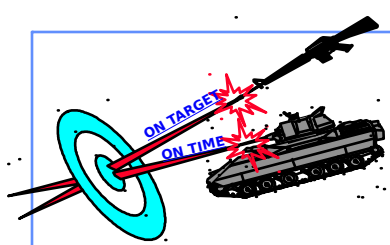
Fort Benning Range Safety Briefing References

- **USAIC Regulation 210-4 (dated 11 May 05)**
- **USAIC Regulation 40-2**

Note: These regulations can obtain from the Fort Benning website at <https://benna0shrpt2/sites/pubs/default.aspx>.

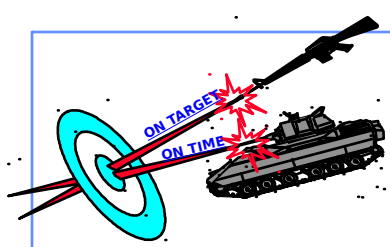
Click on command information, command publication, then U.S. Army Regulations.

Note: This briefing can be viewed on the Infantry Homepage. Click Infantry School, under Range Safety Brief, click on 1ST topic under "Choose from the lessons listed below", scroll to the bottom of page and click on "Audio Controls". Click next to go to next slide. Repeat procedures until you reach the end of the briefing. Proceed.



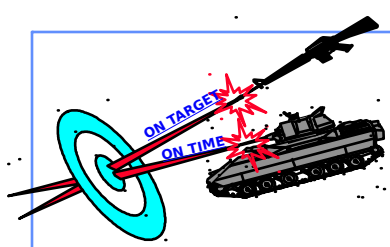
Officer In Charge (OIC) and Range Safety Office (RSO) Grade Eligibilities

	<u>OIC</u>	<u>GRADES</u> <u>RSO</u>
• Small arms and machine guns (.50cal and below)		E-6
• Other standard ranges		E-7
• Company level LFX (movement to contact)		E-7
• Battalion level Live Fire Exercise	MAJ	E-6
• OIC/RSO must:		
Be certified /knowledgeable in weapons		
Be appointed and certified by unit commander		
Have attended range control safety briefing		



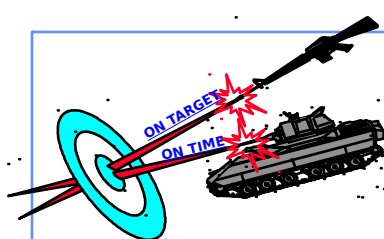
OIC/RSO Certification

- Range control safety briefing
- Unit requirements such as:
 - Medical training course
 - MILES
 - Demolition permit course
 - Instructor training course
 - Drill sergeants school
 - Tactics certification course
- OJT
- Test/evaluation



Documentation Requirement

- Scheduling approval (range and terrain Schedule, Request Summary)
- Firing data/authorization
FB Form 210-4-3-R
FB Form 210-4-2-R
- Risk assessment
- Range safety briefing card
- Range and terrain regulation
- **FB Form 144-R**
- **Current** FMs and TMs



Request Summary

Priority: 1 Status: RES	Request Summary	Submitted On: 27/11/06 Submitted By: a29inops
Unit P.O.C.: SSG TAYLOR P.O.C Phone: 706-544-0077 Sponsor: ITB	RCNI: 1146790 Unit: B CO 1ST 50TH From: 30/03/07 To: 31/03/07	Fire Time: 0900/1800 210-4-3-R Title: Fire Team Live Fire 3-R Exp. Date: indef

Facility - Event:

Facility / Event	Start Dt	End Dt	S.Tm	E.Tm	Max Alt	Vert Haz	#People	Impact Area	Display Code
1. MALONE 22 Squad Training	30/03/07	31/03/07	08:00	19:00	0	0	220		LFX1-2

Vehicle: None

Weapon System:

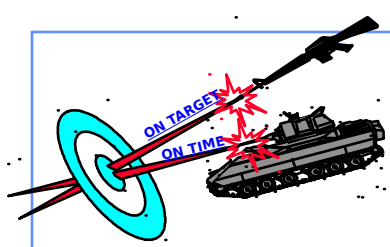
Facility	Event	Start Dt	End Dt	S.Tm	E.Tm	Model	Weapon Nomenclature	DODIC	Ammo Nomenclature
MALONE 22	Squad Training	30/03/07	31/03/07	08:00	19:00	M16A2/3 M4	Rifle 5.56MM M16A2/A3 & M4	AA33	5.56MM BALL COMMER PACK, CTG
						M16A2/3 M4	Rifle 5.56MM M16A2/A3 & M4	A080	5.56MM BLK F M4/M16A1/A2

Target: None

User Field:

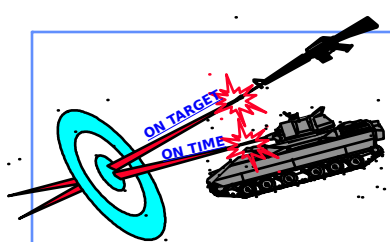
Facility / Event	S. Dt	E. Dt	S.Tm	E.Tm	Field 1*	Field 2*	Field 3*	Field 4*	Field 5*	Field 6*
MALONE 22 / Squad Training	(30/03/07)	(31/03/07)	(08:00)	(19:00)	yes	y	cont	n	n	n
* Field 1: FB 144R Submitted:			* Field 3: Daily or Continuous			* Field 5: ABS: (Note: Y/N)				
* Field 2: Tot Sus Rep: (Y/N)			* Field 4: Pvrn: (Note: Y/N)			* Field 6: CS Gas: (Note: Y/N)				

Fort



Firing / Non-firing Data FB Form 210-4-3-R

- Unit/range/training identification
- Explosives/grenades/mine use
- Weapons/ammo types/models
- Limits of fire
- Scenario - walk thru
- Sketch - depicts actions/controls
- Indirect fire max/min for range & ordinate
- Directed control measures / coordination
- Restrictions imposed
- **FB Form144-R**



Firing / Non-firing Data

FB Form 210-4-3-R



FIRING/NONFIRING DATA

For use of this form see USAIC Regulation 210-4; the proponent agency is DOT

TO: Chief, Range Division
Directorate of Operations and Training
Fort Benning, GA 31905

DATE:

THRU

FROM:

SECTION I

Problem Number:

Range:

Title:

Type Training:

a. Live Fire

b. Non-live Fire

CP/Controller Coordinates:

SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates

Type

Model/DODAC

Size of Charges

SECTION III, WEAPONS/AMMUNITION REQUESTED

Coordinates of
Weapons Position

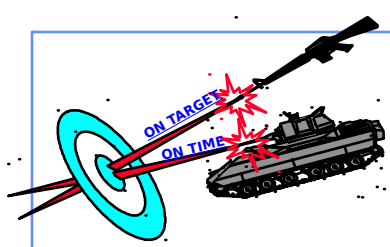
Type Weapon/Model
Number

Type Ammunition

Left Limit DEGRES

Right Limit DEGRES

Fort



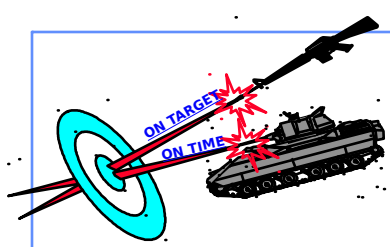
Risk Assessment

Installation matrix

- Hazards identified
- Controls to be used
- Probability/effect of mishap
- Residual risk level
- Overall risk level

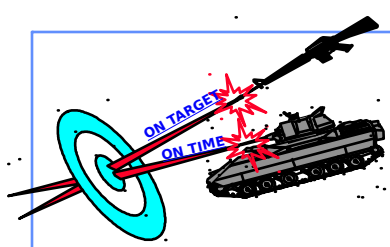
Risk acceptance

- Extreme High - MACOM CMDR
- High - Installation CMDR
- Medium - Major Unit CMDR
- Low - as delegated by major unit



Unit Safety Briefings

- Conducted by **OIC / RSO**
- All safety precautions prescribed by **current** field manual pertinent to weapons used to be covered
- Mandatory installation safety requirements to be covered
 - Commo
 - Medical support
 - Helmets
 - Control measures
 - Cease fire signal
 - Troop limits
 - Hearing protection
 - Wpns/ammo malfunction
 - Duds
 - Overhead fire
- Safety requirements specific to range being used



Communication

Radio nets

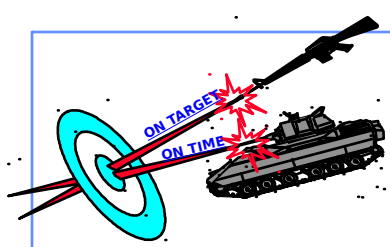
- Portamobile - range control
- FM - Tampa Nester **FM 38.60**

OIC

- Establish/maintain radio commo with range Control
- Request opening/closing codes (**daily**)
- Provide name and grade of OIC
- Report number troops training

Range Control

- Issue instructions, directives, restrictions
- Disseminate information/bulletin

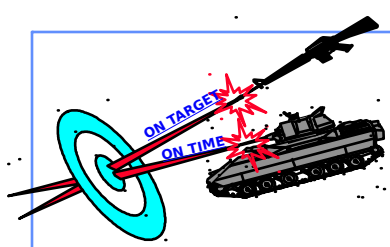


Types Of Medical Support

Types

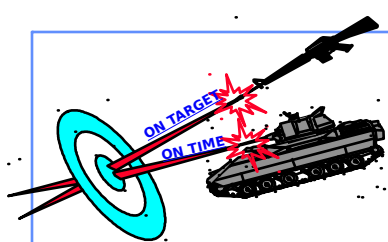
- On-site (ambulance, driver and aid man)
- Area (helicopter)

Note: On-site required for high risk training



Training Requiring On Site Medical Support

- Airborne training - jump week, jumpmaster pathfinder
- Ranger training - airborne operations
- Fire and maneuver exercise
- Demolitions/explosives
- Flame expedients
- Hand Grenades
- Operations in or over water - Helocast
- Infiltration course



MEDEVAC Information Required

- **Initial Call Includes**

- Location

- Identification of requestor

- Number of patients

- Special equipment needed

- Type of patients (**ambulatory / non-ambulatory**)

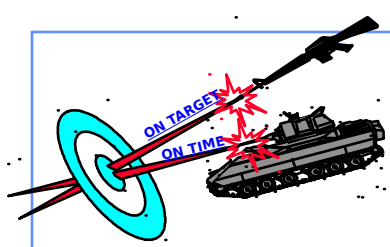
- Description of injuries

- **Follow-up**

- Landing Zone Marking

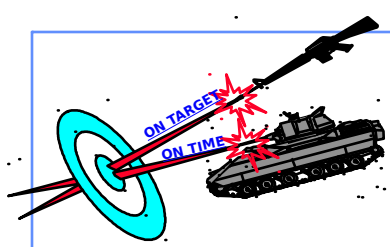
- Nationality / status of patient

- Terrain description / Weather



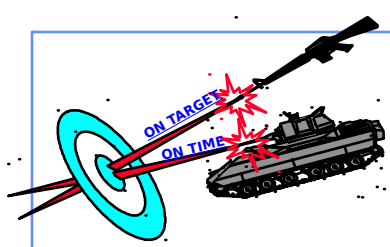
Officer In Charge (OIC) Responsibilities During Firing

- Range flag or blinking red light displayed
- Road guards or barriers positioned to prevent entry downrange
- Helmets worn on specified ranges
- Hearing protection signs emplaced and protection and devices worn
- All firing conducted only from authorize locations and within limits approved in range document
- Downrange restriction enforced



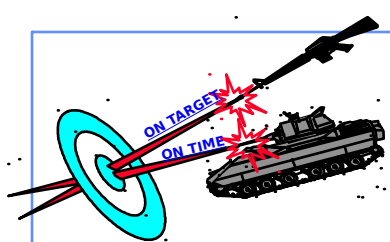
OIC Responsibilities (cont)

- Ammo issue/control enforced.
- Weapons cleared properly.
- Enforce explosive minimum safe distances.
- Enforce CS minimum safe distances.
- Comply with black-out requirements.
- Report missing personnel promptly.



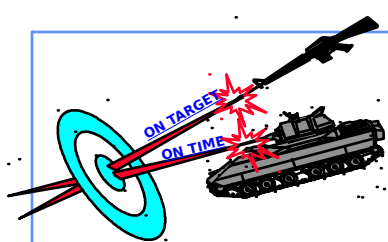
Range Safety Officer (RSO) Responsibilities

- Direct representative of OIC
- Ensures ammo cleared for use
- Ensures all firing is within prescribed limits
- Ensures surface danger zone is clear of personnel, posts, barriers, etc.
- Verify weapons are cleared upon completion of firing
- Uses judgement
- May best perform by actually controlling firing



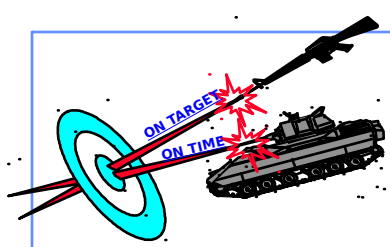
Unexploded Ordnance (UXO)

- Report unacceptable rate of firing into designated dud-impact area.
- Firing outside designated dud-impact area
Mark with durable, distinctive material
Report location, number and type
Do not drive objects in ground nearby
Assist **EOD** in locating, if needed
Report search and clearance completion
- Found on post
Same as above, less report



Forest Fires

- Fire danger class
Spread index 1-5, low to extreme
Units notified of class
- Restrictions and actions under very high and extreme class
 - Class 4** - no tracers, incendiary items unless specifically approved by range control
 - Class 5** - no tracers, incendiary items unless approved by DPW, natural resources
 - Class 4 and 5 - units appoint fire marshal
 - Units suppress fires with available resources and support DPW firefighters
- Report all fires regardless of danger class



Severe Weather

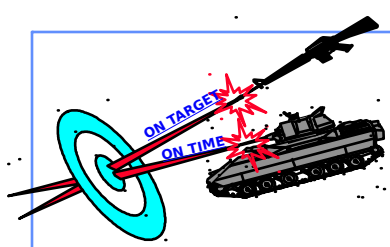
- Advisories disseminated by Range Division
- Protective actions

Standard actions for heat and cold

Lightning - separate from weapons,
disperse,
kneel or go to Lightning Protection area if
range
is equipped with one

Automated ranges close

Fort
Belvoir



After Use Actions

- Range/area to be policed
- Brass, ammo, pyro removed (**Ammo count reported to RC**)
- Dud report submitted
- Roadblocks, guards removed
- Barbed wire removed
- Foxholes, emplacement, grounds redressed
- Tow wire retrieved
- Temporary latrines filled
- Range flag/light removed
- Range checklist completed
- Clearance with unit assigned range
- **Closing Code** from Range Control
- Control completed
- Equipment turn in